MANAGING MEMORY RESIDENT QUEUES TO CONTROL RESOURCES OF THE SYSTEMS USING THE QUEUES

Abstract of the Disclosure

Memory resident queues are monitored at predefined time intervals. When the monitoring indicates that a particular queue is not being serviced at a desired level, then action is taken to sweep one or more messages from the queue. The sweeping of the messages frees up system resources associated with the messages, thus allowing other tasks to be serviced. If, after the sweeping, it is determined that the queue can handle additional messages, then one or more messages are placed back on the queue.